

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended) A wireless communication apparatus having
a processor; and
a memory comprising computer executable instructions which, when executed are operative to:
 - facilitate login, by a user, to a user account at a backup server, the user account ~~associated with~~ being accessible ~~a user having from~~ the wireless communication apparatus as well as ~~and from~~ another computing device of the user;
 - facilitate designation of data on the wireless communication apparatus to backup;
 - generate a hash value for said data;
 - communicate said hash value to the backup server to enable said backup server to determine whether said data is already available to said backup server or not; and
 - only if said backup server ~~indicates~~ determines that said data is not already available to said backup server, send said data to said backup server, ~~to enable~~ the backup server being configured to store the data, to associate the data with said user account, and to provide the data to the another computing device.
2. (Original) The apparatus of claim 1, wherein the apparatus further comprises a transceiver and audio input/output components coupled to the processor and memory.
3. (Currently amended) The apparatus of claim 1 wherein the programming instructions, when executed, are operative to send said data ~~is sent~~ in compressed form to said backup server.

4. (Cancelled)

5. (Previously Presented) The apparatus of claim 1[[4]] wherein said hash value is generated by a cryptographic hashing algorithm.

6. (Original) The apparatus of claim 5 wherein said cryptographic hashing algorithm is selected from the group of cryptographic hashing algorithms consisting of: MD2, MD4, MD5, SHA, HAS160, HAVAL, RIPEMD (including RIPEMD-128/160/255/320), TIGER, Snefru, FFT-Hash I, FFT-Hash II, MAA, DSA, Cell hash, hash functions based on additive knapsacks, and hash functions based on multiplicative knapsacks.

7. (Previously Presented) The apparatus of claim 1 wherein said hash value is a cryptographic checksum.

8. (Previously Presented) The apparatus of claim 1 wherein said hash value is wirelessly communicated via a communication medium selected from the group consisting of: RF signals, optical signals, audio modulated signals, and electromagnetic signals.

9. (Currently amended) The apparatus of claim 1, ~~further comprising wherein the~~
programming instructions, when executed, are operative to designateing a data type not to backup from the wireless communication apparatus.

10. (Currently amended) The apparatus of claim 1, wherein the programming instructions,
when executed, are operative to ~~further comprising~~ designateing a data location not to backup from the wireless communication apparatus.

11. (Currently Amended) A wireless communication apparatus having

a processor; and

a memory comprising computer executable instructions which, when executed are operative to:

select a previous backup from among a list of backups associated with a user account of a backup server ~~compilation~~;

receive a hash value for restoration data from said previous backup ~~compilation~~ from ~~a~~ the backup server; and

only if said hash value is not identical to any hash value of data currently on the wireless communication apparatus, receive said restoration data from said backup server.

12. (Currently Amended) A method of backing up a wireless communication device, the method comprising:

facilitating, by the wireless communication device, login by a user to a user account at a backup server, the user account ~~associated with a user having~~ accessible from the wireless communication device and from another computing device of the user;

facilitating, by the wireless communication device, designating data on the wireless communication device to backup;

generating a hash value for said data;

communicating said hash value to the backup server to enable said backup server to determine whether said data is already available to said backup server or not; and

only if said backup server indicates that said data is not already available to said backup server, sending said data to said backup server to enable the backup server to store the data and provide the data to the other computing device.

13. (Previously Presented) The method of claim 12 wherein said generating comprises generating the hash value using a cryptographic hashing algorithm.

14. (Previously Presented) The method of claim 12 further comprising designating a data type not to backup from the wireless communication device.

15. (Previously Presented) The method of claim 12 further comprising designating a data location not to backup from the wireless communication device.

16. (Currently Amended) A method of restoring data to a wireless communication device, the method comprising:

~~enabling, by the wireless communication device, enabling a user of the device in~~
selecting a previous backup associated with a user account of a backup server compilation;
receiving by the wireless communication device a hash value for data from said
previous backup compilation from ~~a the~~ backup server; and
only if said hash value is not identical to any hash value of data on the wireless
communication device, receiving by the wireless communication device said previous data backup from said backup server.

17. (Currently Amended) A computing server apparatus having
a processor; and
a memory comprising computer executable instructions which, when executed are
operative to:

receive a request to restore data to a client device associated with a user account of a backup server, the user account being associated with a previous backup stored on the server apparatus, including a selection of a backup compilation;
provide a hash value associated with the previous backup compilation to the client device to enable the client device to determine whether ~~data from the backup compilation~~ the previous backup is already stored on the client device; and
only if said hash value is not identical to any hash value of data on the client device, providing said ~~data from the backup compilation~~ previous backup to said client device.

18. (Cancelled)

19. (Currently Amended) The apparatus of claim 17, wherein said ~~backup~~
~~compilation~~previous backup on the server apparatus was previously backed up from another
client device, both client devices associated with the~~a~~ user account.